

# CYLINDER LINERS & SLEEVES For All Types- Catalogue

# We are able to make any design / types of Steering Wheel as per customer physical sample /Drawing Technical specification

Kindly let us know your requirement need parts details like as Picture /Physical Sample / Drawing / OEM # reference for our price offer + delivery time reference

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>A.E.C.</b>										
JJ:1001	AH505 / AV505		SJ 351154					SF	115.900	266.141
JJ:1002	AH505 / AV505		SU 546401S	141 WV 02				SF	115.900	266.141
JJ:1003	TF - 10		SJ 584602 N					SF	120.000	289.255
JJ:1004	AH760/AV760		SJ 351142			A1/51792	6	SF	136.538	291.541
JJ:1005	AH760/AV760		SU 567401				6	SF	136.538	291.529
JJ:1006	AH760/AV760		SY 567402	141 WV 11			6	SF	136.538	291.529
JJ:1007	L12/TL 12		SY 351138S	141 WV 12		A 257136	6	SF	136.538	290.525
JJ:1008	TL12		SJ 351245				6	SF	136.538	291.592
<b>ALFA ROMEO</b>										
JJ:3023	AR 675.01			007WV44				SF	82.600	154.000
JJ:1009	154A2.000	21207802						SF	84.000	152.000
JJ:1010	8140.210	21233502		007 WV 43				SF	93.000	171.000
JJ:1011	8140.610	21230502		007 WV 43				SF	93.000	167.000
JJ:1012	8140.610	21230702						SF	93.000	167.000
<b>ALLIS CHALMERS</b>										
JJ:1013	B125	WS 70				208743	4	SF	85.725	152.400
JJ:1014	D175, D262, D262/DA262	WS 351				4061520	4	SF	90.500	204.775
<b>ASIA TOWNER</b>										
JJ:1015	ASIA TOWNER							SF	68.750	150.500
<b>AUDI</b>										
JJ:1016	1471 CC		SU 351285					SF	76.500	145.300
JJ:1017	L4TD, 74KW(100PS)		SU 351284					SF	76.500	145.000
JJ:1018	AUDI DIESEL							SF	79.500	152.000
<b>ANDORIA</b>										
JJ:3001	4C90			553WT01				SF	90.000	177.000
JJ:6745B	S-102							FF	102.000	226.000
JJ:3002	4CT107			553WT02				SF	107.290	239.600
JJ:3003	6CT107			553WT06				SF	107.290	239.600
JJ:3004	SW226			553WT03				SF	107.290	239.600
JJ:6747B	S-320							FF	120.000	305.000
JJ:6746B	S-321							FF	135.000	300.000
<b>ARO</b>										
JJ:309	810/R99			021WN09				FF	73.000	134.000
JJ:312	1.4 ENGINE			021 WN 23				FF	76.000	134.000
<b>AUSTIN</b>										
JJ:1019	ABC MARINE		SU 128					SF	55.880	122.230
JJ:1020	803 CC		SU 2291					SF	57.912	131.760
JJ:1021	997 CC		SU 3813					SF	62.420	130.960
JJ:1022	A SERIES		SU 2893					SF	62.916	130.962
JJ:1023	A + SERIES/1100		SU 3367					SF	64.567	134.137
JJ:1024	1200 CC		SU 1788					SF	65.470	152.400
JJ:1025	A SERIES, A + SERIES/1300		SU 3598					SF	70.612	141.275
JJ:1026	1.5 LITRE, J4M10		SU 498901					SF	73.012	163.512
JJ:1027	B SERIES		SU 2447					SF	73.025	153.988
JJ:1028	B SERIES		SU 3270					SF	76.187	154.000
JJ:1029	E SERIES		SU 4245					SF	76.200	146.431
JJ:1030	2199 CC		SU 3142					SF	79.362	188.912
JJ:1031	B SERIES		SU 351084					SF	80.251	153.924
JJ:1032	OHV		SU 3588					SF	80.251	154.000
JJ:1033	22 UA		SU 221801					SF	82.550	193.675
JJ:1034	TAXI CAB		SU 22181 F					SF	82.550	193.675
JJ:1035	O SERIES		SU 4279					SF	84.442	152.273
JJ:1036	EA SERIES 25U		SU 3969					SF	84.938	192.100
JJ:1037	3993 CC		SU 1915					SF	87.312	187.325
JJ:1038	EA SERIES		SU 584001					SF	88.900	193.675
<b>AUTO BIANCHI</b>										
JJ:1039	A112 B2	21205402						SF	65.000	115.000
JJ:1040	A112B1.054	21200702						SF	67.200	115.000
JJ:1041	156A.000	21207702						SF	76.000	134.300

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DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>BEDFORD</b>										
JJ:1042	1057 CC HA		SU 3587					SF	74.295	127.000
JJ:1043	1159 CC VAN		SU 3831					SF	77.749	127.000
JJ:1044	4.108		SU 553201					SF	79.375	165.100
JJ:1045	1570 CC CA		SU 2123					SF	79.378	142.494
JJ:1046	1.6D		SU 351283					SF	80.000	143.500
JJ:1047	1594 CC VAN		SU 3744					SF	81.636	142.875
JJ:1048	214		SU 2083					SF	85.725	179.388
JJ:1049	C190		SU 351244					SF	86.000	178.500
JJ:1050	200 / 300		SJ 241600NR	069 WT 02		6305986	4/6	SF	98.400	215.392
JJ:1051	220 , 2611 CC/ J 330, 5417 CC		SU 497301					SF	103.175	216.150
JJ:1052	330					7216719	6	SF	103.175	216.154
JJ:1053	60 SERIES		SU 515101					SF	104.775	231.140
JJ:1054	466	2724	SU 554501 (A)	069 WV 07		7191609	6	SF	115.888	235.458
JJ:1055	500 PHASE I - II		SU 351162	069 WV 08		89338110	6	SF	115.888	237.998
JJ:1056	500 PHASE II		SU 351183					SF	115.888	238.989
<b>BEDFORD CHROMARD</b>										
JJ:1057	C190		KM 861F/1					FF	86.000	163.373
JJ:1058	220 / 330 VAUXHALL		KT 4062FV	069 WT 04				FF	103.175	216.154
JJ:1059	220 / 330 VAUXHALL		KT 406FVX2	069 WT 05				FF	103.175	216.408
<b>B.M.W.</b>										
JJ:1060	2 LITRE							SF	66.000	158.500
JJ:1061	M69, R-4							SF	78.000	160.000
JJ:1062	M70 B50							SF	84.000	126.600
<b>B.S.A.</b>										
JJ:1063	500 CC OHV		SU 2207					SF	66.000	134.938
JJ:1064	B25 STARFIRE		SU 4047ZF					SF	67.000	122.430
JJ:1065	C-15 SPARTMAN		SU 2955ZF					SF	67.000	123.825
JJ:1066	650 CC ROCKET		SU 2131					SF	69.990	149.225
JJ:1067	348 CC OHV		SU 734					SF	71.000	160.338
JJ:1068	M21/ M20							SF	82.000	185.800
JJ:1069	499 CC B34		SU 2662ZF					SF	84.938	141.478
JJ:1070	M 33 OHV		SU 2107					SF	85.000	153.988
<b>B.M.C. (LEYLAND)</b>										
	COMPRESSOR							FF	66.670	88.900
JJ:1071	1489 CC1 1/2 LI		SU 498901					SF	73.012	163.259
JJ:3032	TM 25 1622CC/A60 154 TRACTOR							SF	75.500	155.000
JJ:3032	TM 30 1798CC 1.8TD 1.8VD 220 240 MARINA							SF	79.500	152.000
JJ:1072	EA SERIES		SU 3969					SF	84.939	192.100
JJ:1073	2520 CC		SU 584001					SF	88.900	193.675
JJ:35	5103 CC 5.1 L/BOXER 1000		SJ 259102	463 WN 02		37D2943	6	FF	95.000	221.539
JJ:691	BMC (NT) 6/98		SJ 351172	137 WN 01				FF	98.000	218.400
JJ:023	LEYLAND BMC 498/698		SJ351204					FF	98.000	218.360
JJ:579	BMC 6/98 NV		SJ351047	137WN10				FF	98.000	221.539
JJ:463	LEYLAND AUSTIN BMC 3.8		SJ 553504	463 WN 03				FF	100.000	223.076
JJ:462	LEYLAND AUSTIN BMC 3.8		SJ 351163	463 WN 05				FF	100.000	221.500
JJ:464	LEYLAND AUSTIN BMC 3.8		SJ 590701	463 WN 04		37D1837		FF	100.000	221.488
<b>BUDA</b>										
JJ:1075	4DT-212							SF	92.075	227.000
JJ:1076	4DT-226							SF	95.250	228.600
JJ:1077	6DT-468							SF	107.950	252.700
<b>CATERPILLAR</b>										
JJ:455	D 315/D318/DW10	-	WS522H	127WN02			4	FF	114.300	271.000
JJ:3035	3116						6	SF	105.000	196.830
JJ:3005	3208/3160/1160	-	-			9N6275	8	SF	114.300	196.850
JJ:088	D 4 / LD-120 MM D330C/3304 D333C/D334/3306/1673C	-	WS476H	127 WN 07		2P8889	4/6	FF	120.650	254.000
JJ:438	D 330/D 336/DL151		127WN13	127WN07			8	FF	120.650	254.000
JJ:714	DW 20	-	-	-		-		FF	130.175	315.600
JJ:686	D343/1693 D346 D348 D349	WS 528H	L072600	-	2w6000	6N 8700		FF	137.160	274.340
JJ:465	D339/D342T	WS530H	L072700	-		8N5676	6	FF	146.050	382.500
JJ:086	D398/D353/DOZER D9	WS 527H	L072800	-		8N9174	6	FF	158.750	282.500
JJ:620	3508	WS-578H	L072900	-		2117826	8	FF	170.000	357.630
<b>CHEVROLET</b>										
JJ:1078	140	-	-	-		-	-	SF	85.725	206.380
JJ:1079	153	-	-	-		-	-	SF	98.425	254.000
JJ:1080	350	-	-	-		-	-	SF	101.600	250.820

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<b>CHINESE</b>										
JJ: 640	CHINEES Short	BS-100	-	-	-	-	-	FF	100.000	206.700
JJ:644	CHINEES Long	-	-	-	-	-	-	FF	100.000	211.000
<b>CHRYSLER</b>										
JJ:1081	170 / 198 / 215 SLANT 6	-	-	-	-	-	-	SF	86.360	206.375
JJ:1082	273	-	-	-	-	-	-	SF	92.071	146.050
JJ:1083	245	-	-	-	-	-	-	SF	95.250	250.820
JJ:1084	265 / 318	-	-	-	-	-	-	SF	99.314	152.400
JJ:1085	360 V8	-	-	-	-	-	-	SF	101.600	250.820
<b>CIATROEN</b>										
JJ:056	RI/UD/IRK -VISA 129 / 5	-	-	021WN26	-	-	4	FF	75.000	134.500
JJ:1086	XUD7 (161A) / 19A	-	CH 2333 100	-	-	-	-	SF	80.000	153.500
JJ:1087	XUD9/A/B, 162	-	CH 2334 100	-	-	-	-	SF	83.000	153.500
JJ:457	BX	-	-	039WN24	-	-	4	FF	83.000	141.000
JJ:1088	B22.615, M22/621	-	CH 2860 100	-	-	-	-	SF	90.000	164.500
JJ:1089	M25/629/660, B25/637	-	CH 2403 100	-	-	-	-	SF	93.000	163.000
JJ:1090	M25/629/660, B25/637	-	CH 2403 110	-	-	-	-	SF	93.000	163.000
JJ:1091	-	-	-	-	-	-	-	SF	100.046	212.217
<b>CUMMINS</b>										
JJ:1092	3B2.9/4B3.9,/6B5.9,B-SERIES 3BT 4BT Cummins 6BT	-	DS 557	-	-	3904166	3 4 6	SF	102.019	200.279
JJ:466	JBS 600	-	1177 WL	-	-	-	-	FF	104.770	236.530
JJ:748 A	6CT A	-	-	-	-	3907792	6	FF	114.000	238.400
JJ:748 B	6CT C	-	-	-	-	3919937	6	FF	114.000	238.400
JJ748 C	C 2000	-	-	-	-	-	6	FF	114.000	235.400
	V555,VT225,VT555	-	-	-	-	3022529	8	FF	117.475	192.964
	V6-155 V8-210	-	WS 481	-	-	3022530	6 8	FF	117.475	165.659
JJ:278	NH220/ NT-165/ NHC4	105327	WS 448	-	-	BM98224	6	FF	130.175	301.620
JJ:614	NT855/NTA655/855 SERIES V903,VT903	3801826	WS 545 WS 488	- -	- -	3046325 203170	6 8	FF	139.700 139.700	288.163 220.726
JJ:666	KT450/KTA600	-	-	-	-	3028122	6	FF	158.750	306.500
JJ:628	KT450/KTA600	-	-	-	-	3022157	6	FF	158.750	306.000
JJ:277	KT450/KTA-600	-	WS 548	-	-	3028434	6	FF	158.750	306.450
<b>COMMER</b>										
JJ:1093	1256 CC MARK IV	-	SU 1946	-	-	-	-	SF	65.088	165.887
JJ:1094	875 CC VAN	-	SU 3834ZF	-	-	-	-	SF	67.986	100.033
JJ:1095	1390 CC MARK-VIII	-	SU 2501	-	-	-	-	SF	76.200	152.400
JJ:1096	1494 CC OHV	-	SU 2848	-	-	-	-	SF	78.999	152.400
JJ:1097	2256 CC OHV	-	SU 2115	-	-	-	-	SF	80.962	195.263
JJ:1098	1592 CC MARK IV	-	SU 3756	-	-	-	-	SF	81.539	152.400
JJ:1099	2.26 LITRE	-	SJ 235800NS	-	-	-	-	SF	84.176	187.706
<b>DAF</b>										
JJ:55	55 SERIES	-	CH1921200	021WN08	-	-	4	FF	70.000	135.100
JJ:1100	DS/DSD/DD D575/DS575M	-	SJ 531601N	137 WT 02	-	310 376 258 468	-	FF	100.615	239.014
JJ:1101	DF/DT/DTD 615 DM/DNT/DNS 62 NT/NS-L 133 NS 156G	-	SJ 351028N SJ 351350	213 WT 01	-	212 275 220 095	6	FF	104.175	238.989
JJ:1102	DHS/SHU/SHTD DH/DHB/DU/DHB DHR/DHT/H-S 825 DH825	-	SJ 351103N	213 WT 02	-	24 04 74 257 340 396 855	6	FF	118.000	262.204
JJ:1103	DKS/DKSE/DKXE 1160 DK	-	SJ 351020	213 WT 03	88640110	24 10 54 039 40 80 396 080 394 080	4	FF	130.000	288.493
<b>DAIHATSU</b>										
JJ:1104	CL	-	-	-	-	-	-	SF	76.000	131.800
JJ:1105	CLT	-	-	-	-	-	-	SF	76.000	140.000
JJ:1106	DE/DV22/	12560AB	DU 202	-	-	-	-	SF	85.000	181.000
JJ:1107	DG/DV32L	992-5113- 1101/2530CC	SJ351324	-	-	-	-	SF	88.000	182.000
JJ:1108	DG	-	SJ351224	-	-	-	-	SF	88.000	182.000
JJ:1109	DL	11461-87303/2765 CC	SJ351321	-	-	-	-	SF	92.000	182.000
<b>DAIMLER BENZ</b>										
JJ:1110	OM636 VI-E	-	SU 453801F	001 WV 06	-	181.011.01.10	-	SF	75.000	190.246
JJ:1111	OM636	-	SU 453802	-	-	-	-	SF	75.000	190.246
JJ:1112	OM621	-	-	001WV07	-	-	-	SF	85.000	156.500
JJ:1113	OM601/OM602/OM603/OM605	-	-	001 WV 09	89193190	366 011 0610	-	SF	87.000	148.400
JJ:1114	OM615.913/915	616.01.1010	SU351123ZF	001 WV 03	-	-	-	SF	87.000	158.400
JJ:1115	OM602, OM601/OM 603	-	SU 351337	001 WV 14	-	-	-	SF	89.000	156.500
JJ:1116 A	OM 617	-	-	001WV04	-	-	-	SF	90.900	158.400
JJ:1116	OM616.912/916/312	-	SU351119ZF	004 WV 21	88681190	-	-	SF	91.000	158.400
JJ:1117	OM321	-	SU 463801	-	-	-	-	SF	95.000	215.265
JJ:1118	OM314, OM352	-	SU 607501	004 WV 13	-	-	-	SF	97.000	223.012
JJ:1119	OM364.900/907, OM366	-	SU 351281	004 WV 09	-	3660110610	-	SF	97.000	222.500
JJ:1119 A	OM 352/ OM 353/OM 362	-	-	004WV08	-	-	-	SF	97.000	222.000

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DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:3010	OM 364/OM 366/OM 356	L455801						SF	97.500	222.000
JJ:3011	OM 902/OM 904/ OM906/	L45 5900 S		004WV18				SF	102.000	220.000
JJ:1122	OM360	-	-	005WV03		-		SF	115.000	253.500
JJ:1123	OM355A SLEEVE	-	SU 351094	003 WV 09		355-011-0710		SF	128.000	287.500
JJ:1123 A	OM352			003WV27		355 011 1010		SF	128.000	287.500
JJ:1123 B	OM 352 / O/S			005WV07				SF	128.000	287.500
JJ:1123C	OM 352 / O/S			005WV08				SF	128.000	287.500

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<b>DAMAS</b>										
JJ:1124	DAMAS							SF	68.000	140.000
<b>DAVID BROWN</b>										
			SJ472801					SF	92.075	205.000
	AD3-49/AD3-55 AD6-55/AD6-55T							SF	100.046	212.471
JJ:1125	AD4/55T,AD6/55,AD6/55T	K-94857	SU 351121					SF	100.046	212.217
<b>DETROIT DIESEL /G.M.</b>										
JJ:531	53 SERIES /6V 53T	-	WS 438H	-	L 213200	-		FF	98.430	251.600
JJ:552	2-71,3-71,4-71,6-71 , 71 Series	-	DS 550H	-		5149211		FF	107.950	282.448
JJ:631	4-71E,6-71E,6V-71	-	DS 301H	-		5113953		FF	107.950	282.575
JJ:530	6V-92T/92 SERIES	-	WS 535H	-		5148505		FF	122.936	280.600
JJ:678	C 60 / S 60	23531249 /23523948	-	-		-		FF	130.000	278.240
<b>DEUTZ</b>										
JJ:3037	BF 4M/BF 6M							SF	94.000	196.000
JJ:3036	F2L/F3L/F4L 1011							SF	91.000	180.500
JJ:711	FL-812							FF	95.000	
JJ:664	FL-912					2231924		FF	100.000	
JJ:665	FL-913							FF	102.000	
JJ:710	FL-514/614			101 WR 02				FF	110.000	274.550
JJ: 651	BF 16M 716			009 WN 17				FF	135.000	321.000
JJ: 650	BA 6M 816			099 WN 19				FF	142.000	317.000
<b>DONG FENG</b>										
JJ:468	CM - 180							FF	80.000	173.300
JJ:467	CM - 195							FF	95.000	210.000
JJ:469	S-1 / 2R							FF	100.000	207.000
JJ:470								FF	100.000	206.000
<b>FIAT</b>										
JJ:1126	100GC/100GS.0200	21205402						SF	65.000	115.000
JJ:1127	A112B1.054	21200702						SF	67.200	115.000
JJ:1128	127AB/AJ/AE	21207702						SF	76.000	134.300
JJ:1129	127A.5000	21231502						SF	76.050	135.000
JJ:1130	146B.000	21234302						SF	78.000	130.000
JJ:1131	126A2.000	21224202						SF	80.000	125.100
JJ:1132	128A/AC/BB.OA 1138 A/B	21204802						SF	80.000	118.000
JJ:1133	132A/B.000	21204002						SF	80.000	145.500
JJ:1134	149B3/B4.000	21233202						SF	82.600	142.000
JJ:1135	149B3/B4.000	21238002						SF	82.600	142.000
JJ:1136	149A1.000	21231302						SF	82.600	154.000
JJ:1137	160A6.000, 280A1.000	21232302						SF	82.600	154.000
JJ:1138	138 B6.000	21230602						SF	83.000	147.000
JJ:1139	138 B6.000	21231602						SF	83.000	147.000
JJ:1140	131A1 / AF1/ B1	21206102						SF	84.000	145.500
JJ:1141	M611 CA 20 A/C,M619AA 2.0	21207802						SF	84.000	152.000
JJ:1142	B22.615	21219802						SF	90.000	165.500
JJ:1143	B22.615	21231102						SF	90.000	165.500
JJ:1144	B25/ 637		CH 2403 100					SF	93.000	163.000
JJ:1145	8140.210	21233502		007 WV 46	88319190		-	SF	93.000	171.000
JJ:1146	8140.210	21235902						SF	93.000	171.000
JJ:1147	8140.61,8144.61,8142.61	21230502						SF	93.000	167.000
JJ:1148	8140.61,8144.61,8142.61	21230702						SF	93.000	167.000
JJ:3033	8140.58,8140.61,8140.67,8144.81			007 WV 43	88319190			SF	93.000	167.300
	CN3/CO3/CP3			233 WN 04	8815939		3/4/6	FF	110.000	236.000
JJ:1650	88827.110AX							FF	110.000	236.100
<b>FIAT ALLIS</b>										
JJ:1150	8035.02,8045.02			007 WV 09		21215702		SF	100.000	187.000
JJ:1151	220/8200.1	21212102						SF	120.000	260.000
JJ:1152	8205.020	21216002						SF	122.000	252.000
JJ:1153	8215.020			007 WT 24		21215902		SF	137.000	282.000
<b>FIAT IVECO</b>										
JJ:1154	806.A/8060.01 / 230 A.000		21214802	007 WV 07		4599351		SF	95.000	187.000
JJ:3037	DUCATO-M 14	L183860 S						SF	94.400	167.000
JJ:3038	8025-TRACTOR 350/450/640	L183980 S						SF	100.000	187.500
JJ:3039	TRACTOR 55-60/70-90/100-90	L184010 S						SF	100.000	196.000
JJ:1155	8040.04, 8060.04		21232202					SF	103.000	187.000
JJ:1156	8060.240		21233302			4679202		SF	103.000	187.000
JJ:1157	8060.240		21217502	007 WV 40		4679201		SF	103.000	187.000
JJ:1158	8040.05, 8060.05		21233902	007 WV 48		4770623		SF	104.000	198.000
JJ:1159	8040.25, 8060.25		21232402			4803030		SF	104.000	198.000
JJ:625	8340.04 / 50 F9 / 55 F9	58130102						SF	115.000	215.000
JJ:624	8360.050	58117102		233 WN 09				SF	115.000	235.000
JJ:1160	220/8200.1		21212102					SF	120.000	260.000
JJ:1161	8200.02,8200.12		21216002					SF	122.000	252.000
JJ:1162	8200.03,8200.13		21218602					SF	125.000	252.000
JJ:1163	203,203H		21212902					SF	125.000	277.500
JJ:1164	203A/61,203H/61,310H/61		21213302			4508554		SF	130.000	282.000
JJ:1165	8210.02, 8210.12 / 22 / 42	99468534	21215902	007 WT 24		4622074		SF	137.000	282.000

**LIST OF CYLINDER LINERS & SLEEVES**

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>FIAT TRACTOR</b>										
JJ:1166	614.01 / 615 D	21210702						SF	85.900	178.000
JJ:1167	852A/8025.01,8035.01, 8045.01	21214802		007 WV 07		4599351		SF	95.000	187.000
JJ:1149	8035.01, 8045.01/225.250	21214802				4599357		SF	95.000	187.000
JJ:1168	8025.02,8035.02,8045.02	21215702		007 WV 09		4653280		SF	100.000	187.000
JJ:1169	8035.06,8045.06,8065.06	21234002						SF	100.000	196.000
JJ:1170	8035.04,8045.04,8055.04, 8065.04	21232202						SF	103.000	187.000
JJ:1171	8035.04,8045.04,8055.04	21217502		007wv40		4679209		SF	103.000	187.000
JJ:1172	8035.05,8045.05	21233902						SF	104.000	198.000
JJ:1173	8065.250	21232402						SF	104.000	198.000
JJ:1174	220/8200.1	21212102						SF	120.000	260.000
JJ:1175	8205.020	21216002						SF	122.000	252.000
JJ:1176	8215.020	21215902						SF	137.000	282.000
<b>FORCHA</b>										
JJ: 639	BS-85							FF	85.000	210.000
<b>FORD</b>										
JJ:1177	100E		SU 2547					SF	63.500	161.925
JJ:1178	4.108		SU 553201					SF	79.375	165.100
JJ:1179	108E,107E,307E, 113E, 116E,122E		SU 3166					SF	80.950	123.825
JJ:1180	113E, 116E,120E,122E		SU 3821			8N6055B		SF	80.950	123.825
JJ:1181	108E,107E,307E		SU 3822					SF	80.950	140.335
JJ:1182	UPRATED 711 M		SU 4026					SF	80.950	150.368
JJ:1183	UPRATED 711 M, , 751 M		SU 4017					SF	80.985	150.368
JJ:1184	1558 CC		SU 4027					SF	82.550	140.335
JJ:1185	1.600		SU 4260					SF	87.670	123.647
JJ:1186	1993 CC	6055A	SU 4255					SF	90.820	137.008
JJ:1187	2401E YORK,2402E YORK					6048826		SF	93.645	171.450
JJ:1188	101,2601 E, 2603 E, V4,V8	1797565	SU 3706					SF	93.647	136.144
JJ:1189	XD2/XD2D / XD3		CH 2315 100					SF	94.000	170.300
JJ:1190	XD2/XD2D		CH 2311 100		039 WV 16			SF	94.000	170.000
JJ:1193	2701E,2706E,4D240 2704E,2709E,6D330				014 WV 02	2701E6055B	4 6	SF	104.775	218.694
JJ:1194	2701E,2706E		SU 517802F		014 WV 02	2704E6055B		SF	104.775	218.694
JJ:1195	2704ET/D SERIES		SJ 351051NS			7333F6102GAB	6	SF	104.775	219.558
JJ:1196	2704 ET		SU 351136					SF	104.775	219.558
JJ:3034	32D/BSD329				014 WV 03	C5NN6055A	3/4	SF	106.698	209.550
JJ:1197	2711E,2712E,2714E,2715E		SU 351175					SF	107.213	212.623
JJ:1198	V8.510/AV8.510		SJ 351207					SF	107.950	226.060
<b>FORD TRACTOR</b>										
JJ:1199	3.144		SU 628301			B3NN6055A	4	SF	88.925	216.154
JJ:1200	3.152/A3.152		SJ 546900N	043 WN 07			4	SF	91.491	216.027
JJ:1201	3.152/A3.152		SU 530201	043 WT 08			4	SF	91.491	216.027
JJ:011	FORDSON MAJOR -OLD		SJ 196802				4	FF	100.000	223.000
JJ:012/450 A	FORDSON MAJOR -NEW		SJ 491601	017 WN 04		1710301	4	FF	100.000	223.000
JJ:1204	40D,256 CU IN, 32D		SU 522801	014 WV 03			4	SF	106.698	209.550
JJ:1205	2715E		SU 351175				4	SF	107.213	212.623
JJ:1206	BSD 332/5000/6600/NEW HOLEND		SU 351030 F	014 WV 06			3	SF	111.778	208.534
<b>GARDNER</b>										
JJ:1215	5LW/5HLW, 6LW/6HLW		SU101					SF	107.950	298.069
JJ:1216	6LX, 6LXB/6LXC	LX/1/3003	SY351196					SF	120.650	298.196
JJ:1217	6HLXCT, 8LXCT, 8LX, 6LX/6LXB		SU498801					SF	120.650	298.196
JJ:1218	L-3		SU103403					SF	139.700	365.125
JJ:1219	6LYT		SU351228					SF	140.000	331.191
<b>HANOMOG</b>										
JJ:1220	OM 615							SF	87.000	158.400
JJ:1221	OM 314							SF	97.000	222.000
JJ:1222	OM 360							SF	115.000	253.500
<b>HILL MAN</b>										
JJ:1226	1265 CC, HUSKEY		SU1946					SF	65.088	165.887
JJ:1227	875 CC		SU3834AF					SF	67.986	100.330
JJ:1228	1390 CC		SU 2501					SF	76.200	152.400
JJ:1229	1494 CC		SU2848					SF	78.999	152.400
JJ:1230	1496 CC, HUNTER		SU3756					SF	81.539	152.400
<b>HINO</b>										
	DM100					11467-1440	6	FF	90.000	198.500
JJ:1232	B		SJ 351309			11467-1480	6	SF	95.000	190.220
JJ:1233	EC-100					11467-1130A	6	SF	97.000	206.000
JJ:1234	3B		SU 351238				6	SF	102.000	190.260
JJ:1235	W 04D/E W 06D/E					11467-1761 11467-1771 11467-1781 11467-1791	4 6	SF	104.000	201.000
JJ:1236	EH-100/HO6BT					11467-1030	6	SF	105.000	206.000
JJ:1237	HO6B7						6	SF	105.800	204.000
JJ:1238	EH-300					11467-1010	6	SF	108.000	204.000
JJ:1239	HO6CT/EH500						6	SF	108.000	204.000
JJ:1240	HO6CT/TA						6	SF	108.000	204.000

**LIST OF CYLINDER LINERS & SLEEVES**

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1241	EH-700/H07C					11467-1200 11467-1210 11467-1220 11467-1230	6	SF	110.000	204.000
JJ:1242	EP-100					11467-1730 11467-1740 11467-1750	6	SF	120.000	236.000
JJ:151	EB 300/EB400					11467-1180	6	FF	120.000	288.000
JJ:1243	EM-100					11467-1661	6	SF	124.000	236.000
JJ:1244	M-107					11467-2000	6	SF	127.000	236.000
JJ:160	EK 100		SJ351251			11467-1080	8	FF	137.000	266.000
JJ:075	EF 750		SJ351251			11467-1091	8	FF	137.000	248.000

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>HYUNDAI</b>										
JJ:1245	4G33							SF	73.025	174.620
JJ:1246	4D55T,4D56T		SU351279					SF	91.100	165.000
JJ:1247	4D31-T		SU351258					SF	100.000	196.500
JJ:1248	6D16		SJ351316					SF	118.000	206.000
JJ:081	6D22/6D22T		SJ351261				6.000	FF	130.000	261.750
JJ:092	8DC90/8DC90		SJ351325				8.000	FF	135.000	259.750
JJ:712	8DC91/8DC91		SJ351319					FF	135.000	259.700
<b>IFA</b>										
JJ:39	IFA 4 VD 8.5/multi car			530WN03			4	FF	85.000	166.000
JJ:905	IFA-MULTICAR						4	FF	90.000	166.000
JJ:068	IFA W-50			530WN01			4	FF	120.000	287.500
JJ:284	L-80/L60			530WN02			6	FF	120.000	244.800
<b>INTERNATIONAL (I.H.C)</b>										
JJ:266	BD144	INTER B275					4	FF	85.725	179.400
JJ:267	BD154			089 WN 08		3044481-R3	4	FF	88.900	185.725
JJ:1249	C-221/UC-221/C263/U263		DS-343			367645-R2	6	SF	90.500	192.088
JJ:3027	D236/D282					278272-R1	6	SF	93.675	192.100
JJ:1250	D-188		DS341			278272-R1	4	SF	93.675	192.088
JJ:1251	D-236 / D-188		DS-459	089 WT 19		609028-C1	4/6	SF	93.675	193.278
JJ:1252	C-291		DS-474			395407-R1	6	SF	95.250	192.088
JJ:319	D-358/360		SJ 351201	089 WT 16 (replaces 089 WN 10)		3139592 R4	6	FF	98.425	216.000
JJ:1253	C-248		DS-194				6	SF	98.425	257.175
JJ:256	D-246/D268/DT402			089 WN 18			6	FF	100.000	216.100
JJ:6755	DT360		WS577H			1809935-C3	6	FF	101.600	214.400
JJ:1254	BD264		SJ 18160NR	089 WT 12		311487 R1	4	SF	101.600	257.175
JJ:1255	D-361		DS-458			349114-R11	4	SF	104.775	218.281
JJ:754	D414/DT414/DT436/DT466		WS 556 H			1810504-C1	6	FF	109.220	238.250
JJ:1256	DT-407/UDT-407		DS-504			670293-C21	6	SF	109.753	220.663
JJ:1257	D-350/UD-350		DS-339			345314-R1	6	SF	114.300	298.450
JJ:1258	D-554/UD-554		DS-339			345314-R1	6	SF	117.475	298.450
JJ:756	D461/UD14A DT691/UD18A		WS577H			323888-R11	4/6	FF	120.650	298.450
<b>ISUZU</b>										
JJ:1259	4EC1							SF	76.000	138.000
JJ:1260	4EE1T							SF	79.000	144.000
JJ:1261	G161/KB20							SF	82.000	135.000
JJ:1262	C201						4	SF	83.000	165.100
JJ:1263	4FB1 / 4BD1 / 4FC1					5-11261-119-0		SF	84.000	152.500
JJ:1264	C190 / 290					9-11261-224-0	4	SF	86.000	178.500
JJ:1265	C240 3 RINGS SLATE							SF	86.000	178.000
JJ:1266	G200							SF	87.000	142.000
JJ:1267	C223			629 WT 15		5-11261-015-2 5-11261-015-0	4	SF	88.000	163.500
JJ:1268	4FD1							SF	88.000	158.700
JJ:1269	4JB1					8-94247-861-0		SF	93.000	180.750
JJ:1270	4JA1					8-94110-144-0		SF	93.000	156.300
JJ:1271	4BA1					9-11261-802-0		SF	98.000	180.000
JJ:471	D120	SJ351158				9-11261-276-0	6	FF	100.000	219.780
JJ:1272	6BD1 / 4BB1					5-11261-014-0		SF	102.000	204.000
JJ:3028	6BB1/6BD1 4BB1/4BD1					1-11261-118-0	6/4	SF	102.000	204.000
JJ:1273	6HH1/6HE1					8-94396-332-0	6	SF	110.000	210.000
JJ:1274	4HE1							SF	110.000	210.000
JJ:1676	4HF1					8-94389-276-3	4	SF	112.000	180.000
JJ:1275	6SA1					1-11261-065-3 1-11261-094-1	6	SF	115.000	216.000
JJ:1278	E120/E120T /6RB1/6RB1T					9-11261-290-0 1-11261-133-0		SF	135.000	264.000
<b>ISUZU (CHROMARD)</b>										
JJ:1279	C-221		KM83JF			9-11261-253-0		FF	83.000	174.470
JJ:1280	C-190		KM86JF/1			9-11261-224-0		FF	86.000	163.373
JJ:1281	C-240		KM86JF			9-11261-230-0		FF	86.000	178.460
JJ:1282	C-223		KM88JF			5-11261-015-0		FF	88.000	163.320
JJ:1283	4JA1		KM93JF			8-94462-130-0		FF	93.000	156.310
JJ:1284	4JB1		KM93JFL					FF	93.000	182.000
JJ:1285	4BA1		KM98JF			9-11261-802-1		FF	98.000	180.850
JJ:1286	4BB1/6BB1/6BD1/6BD1T/4BD1		KM102JF			5-11261-004-0		FF	102.000	203.960
JJ:1287	4BC2		KM102JF/1					FF	102.000	187.170
JJ:1288	6BG1		KM105JF					FF	105.000	203.000
JJ:1289	6BG1T							FF	105.000	203.000
JJ:1290	6BF1							FF	105.000	203.000
JJ:1291	6SD1/6SD1T							FF	120.000	239.000
<b>JAGUAR</b>										
JJ:1292	MARK-X		SU3007					SF	86.990	177.013
JJ:1293	4.200		SU3981					SF	92.075	177.013
JJ:1293A	4.2 LITER						6	SF	92.075	185.000
JJ:1293B	4.2 LITER						6	SF	92.075	177.800

**LIST OF CYLINDER LINERS & SLEEVES**

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1293C	4.2 LITER						6	SF	92.075	177.800
JJ:1294	4235 CC		SU 2115					SF	92.075	177.013
<b>JEEP</b>										
JJ:1295	2710 CC		SJ351176					SF	92.000	191.186
JJ:1296	2710 CC		SU351104	043 WV 16				SF	92.000	191.186
<b>JOHN DEERE</b>										
JJ:282	JD164 /ID329 /3164D/		WS - 485	225 WN 04		R48168/2716 T32343	4	FF	102.108	197.000
JJ649	DJ-04-03		WS - 529	225 WN 03		R54505	4	FF	106.500	197.000

## LIST OF CYLINDER LINERS & SLEEVES

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<b>KAMAZ</b>										
JJ:069	KAMAZ 740 /5230-URAL 557 -ZIL 1331			452WN03				FF	120.000	224.000
JJ:807	YAMAZ 236/238-MAZ 5542/5549-KRAZ 256-BELAZ 7525/7522							FF	130.000	285.000
<b>KARAZ</b>										
JJ:076	KARAZ							FF	130.000	285.000
JJ:074	130							FF	130.000	283.910
<b>KIA</b>										
JJ:3006N	OK7YO/BESTA	L 37 2200F					4	SF	86.000	165.000
JJ:1673	Ceres /OK620						4	SF	88.900	167.500
JJ:1673A	TITAN /E2500	L37 2291 F					4	SF	88.900	188.800
JJ:2175	Topic- K-2700						4	SF	92.000	191.000
JJ:2176	RFA OVNY1-10-311						4	SF	93.000	166.000
JJ:2177	JS- OK65A-10-311						4	SF	94.500	167.500
JJ:2178	JT- OK75A-10-311						4	SF	98.000	166.000
<b>KOMATSU</b>										
JJ:2220	4D95/PW150	L 37 3370	SJ351302				4	SF	95.000	180.000
JJ:2220 A	4D95/S4D95 /FD30 /NT10	L37 3360 S					4	SF	95.000	187.500
JJ:713	6D95/S6D95		SJ 351302			6027-21-2110	4	SF	95.000	201.000
JJ:674	6D 105		SJ 351299			6137-22-2210	4	FF	105.000	223.000
JJ:3030	S6D108					6222-21-2110	6	SF	108.000	219.500
JJ:3007A	S6D110	L37 3700				6138-21-2210 6138-21-2220	6	SF	110.000	225.000
JJ:715	D50					6138-21-2212	6	FF	120.000	294.130
JJ:675	6D 125 /D75	L 37 3800				6151-21-2220	6	FF	125.000	256.540
JJ:593	6D 140	L37 3920				6211-22-2220	6	FF	140.000	282.500
JJ:0751	6D155/S6D155					6128-21-2215 6128-21-2214	6	FF	155.000	327.000
JJ:595	6D 170					6162-25-2210	6	FF	170.000	342.000
<b>KUBOTA</b>										
JJ:1671	DA23							SF	50.000	150.000
JJ:1668	DA20							SF	54.500	100.000
JJ:1670	DA22							SF	61.000	150.000
JJ:1663	DA15							SF	62.000	150.000
JJ:1664	DA16							SF	63.000	150.000
JJ:1665	DA17							SF	65.000	150.000
JJ:1666	DA18							SF	67.000	150.000
JJ:472A	KND - 3							FF	68.000	157.000
JJ:473	RD - 45 /KND3							FF	72.000	133.000
JJ:1667	DA19							SF	73.000	150.000
JJ:1662	DA14							SF	74.000	150.000
JJ:426	GA 70							FF	75.000	150.000
JJ:435	ER 40							FF	75.000	144.000
JJ:474	GA 120							FF	75.000	143.000
JJ:475	KND - 40							FF	75.000	152.000
JJ:476	RD -55							FF	76.000	133.000
JJ:477	70 ER - 22 /ET 70							FF	78.000	146.000
JJ:1669	DA21							SF	78.000	205.000
JJ:484	KND - 5B							FF	80.000	152.000
JJ:479	RD - 65							FF	80.000	133.000
JJ:480	ER - 50							FF	82.000	138.000
JJ:481	RD - 75 /RK 80							FF	82.000	146.000
JJ:482	GA - 80							FF	82.000	143.500
JJ:483	ET - 80							FF	84.000	146.000
JJ:637	GA 85							FF	85.000	160.000
JJ:485	ET - 95							FF	86.000	158.000
JJ:486	RD - 85 /RK95							FF	86.000	146.000
JJ:487	RK - 105							FF	88.000	158.000
JJ:488	KND - 70 /ER 70							FF	90.000	195.000
JJ:489	ER - 65							FF	90.000	150.000
JJ:490	GA - 100							FF	90.000	155.000
JJ:491	GA - 90							FF	90.000	150.000
JJ:492	ET - 110/ ER 700							FF	92.000	158.000
JJ:493	RD - 105							FF	92.000	158.000
JJ:494	ET - 115							FF	94.000	157.000
JJ:1661	DA1							SF	94.250	175.000
JJ:495	KND - 90							FF	95.000	188.500
JJ:496	ER - 1500							FF	110.000	196.000
JJ:497	ER - 100							FF	110.000	182.500
JJ:498	ER - 2200/KND220							FF	116.000	198.000
JJ:499	KND - 250 / ER-25							FF	118.000	195.800
JJ:500	KND - 3200							FF	150.000	379.000
<b>LANCIA</b>										
JJ:1297	828 AC.3	21207702						SF	76.000	134.300
JJ:1298	831AB.0/831A2.0	21207702						SF	76.100	134.300
JJ:1299	132A.B.000	21204002						SF	80.000	145.500
JJ:1300	831D.000	21231302						SF	82.600	154.000
JJ:1301	831D.000	21232302						SF	82.600	154.000
JJ:1302	132A.C1.000	21206102						SF	84.000	145.500
JJ:1303	834B2.200	21207802						SF	84.000	152.000
JJ:1304	8144.910	21230702						SF	93.000	167.000
JJ:1305	8144.910	21232802						SF	93.000	167.000

**LIST OF CYLINDER LINERS & SLEEVES**

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JJ:1306	8144.970	21233502						SF	93.000	171.000
JJ:1307	8145	21235902						SF	93.000	171.000

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DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>LAND ROVER</b>										
JJ:1308	1595 CC 1.52		SU2109					SF	69.500	176.212
JJ:1309			SU498901					SF	73.012	163.512
JJ:1310	1997 CC 2L		SU2300					SF	77.800	174.625
JJ:1311	3528 CC		SU4244					SF	88.862	141.732
JJ:1312	2495,2286 CC, 12 J		SU494402					SF	90.470	191.364
JJ:1312 A	MOTOR 2.3/2.5			201 WV 03		502160	4	SF	90.475	191.360
JJ:1313	3.9L EFI		SU4286					SF	94.000	141.732
<b>LADA</b>										
JJ:615	BT-100							FF	73.120	127.900
JJ:1314	BA3 / VAZ 2103			448WV01				SF	76.000	145.200
JJ:1314 A	NOVA / VAZ 2150			448WV02				SF	79.000	136.000
JJ:1315	UD 9A							SF	83.000	153.500
<b>LEYLAND</b>										
JJ:1316	B SERIES		SU3270					SF	76.187	154.000
JJ:1317	B SERIES		SU351084					SF	80.251	153.924
JJ:1318	OE138		SJ235800	047 WT 02				SF	84.176	187.960
JJ:1319	O SERIES		SU4279					SF	84.442	152.273
JJ:1320	EA SERIES 25U		SU3969					SF	84.938	192.100
JJ:1321	12J		SU494402	201 WV 03				SF	90.475	191.364
JJ:1322	D3.152/AD3.152		SJ546900N	043 WV 07				SF	91.491	216.027
JJ:1323	D3.152/AD3.152		SU530201F	043 WT 08				SF	91.491	216.027
JJ:1324	2498 CC		CH 2319 100					SF	94.000	165.800
JJ:716	34T/51UD		SJ259100WS	463 WN 01		37D1838	4/6	FF	95.000	223.070
JJ:691	6/98 TV		SJ351204					FF	98.000	218.400
JJ:152	4/98 NT/NV		SJ351172WS	137 WN 01				FF	98.000	221.500
JJ:1325	6.354.2		SJ584201NS	043 WT 13				SF	98.476	227.279
JJ:1326	6.354.2		SJ351150					SF	98.476	227.279
JJ:1327	6.354.2		SU538101	043 WN 11				SF	98.476	228.981
JJ:1328	6.354.4		SU569200S	043 WV 12				SF	98.476	227.279
JJ:1329	6.354.4		SU351178					SF	98.476	227.279
JJ:464	38J/38T		SJ590701ZWS	463 WN 04				FF	100.000	221.488
JJ:1330	0400 P.P.MK1/2,0400 P.P.MK3		HJ498400S	137 WT 06				SF	107.226	239.573
JJ:1331	0400 P.P.MK1/2,0400 P.P.MK3		SJ351081					SF	107.226	239.4714
JJ:1332	0400 P.P.MK1/2,0400 P.P.MK3		SJ498402S	137 WT 06				SF	107.226	239.573
JJ:1333	V8.540		SJ351207					SF	107.950	226.060
JJ:1334	500501502510.000		SJ351153			801848		SF	118.001	248.920
JJ:1335	500.000		KCM118L					SF	118.001	248.900
JJ:1336	0501 / 0502		SU351184					SF	118.001	248.925
JJ:1337	0680P.PMK1/2/3		HJ221501N	137 WT 08				SF	127.015	288.290
JJ:1338	0680P.PMK1/2/3		SJ221502	137 WT 08		2808-43		SF	127.015	288.290
JJ:1339	0680P.PMK1/2/3	KC5000FL						SF	127.015	288.290
JJ:1340	0680P.PMK1/2/3	KC5000FLX						SF	127.015	288.290
JJ:1341	0680P.PMK1/2/3	KC5000FLX2						SF	127.015	288.290
JJ:1342	TL11							SF	127.028	289.433
JJ:1343	TL11	KJ351220						SF	127.028	289.433
JJ:1344	L12 / TL 12		SY351138S	141 WV 12				SF	136.538	290.525
<b>LISTER</b>										
JJ:1345	LD							SF	74.000	190.000
JJ:1346	LD SLEEVE							SF	74.000	190.000
JJ:1347	1430 CC		SU4027					SF	82.500	140.335
JJ:1348	SR SLEEVE							SF	88.000	220.000
JJ:1349	ST SLEEVE							SF	94.000	220.000
JJ:1350	HA							SF	100.500	235.000
JJ:1351	HR-SLEEVE							SF	107.000	245.000
JJ:1352	6 / 1							SF	113.500	255.000
JJ:1353	6 / 1 SLEEVE							SF	113.500	255.000
JJ:1354	8 / 1							SF	113.500	255.000
JJ:1355	5/1 6/1, 10/2 12/2		SU131401					SF	114.300	250.825
<b>LISTER AIRCOOLED BLOCK</b>										
JJ:706	LR	L425100						FF	76.200	217.510
JJ:707	LD	L425100						FF	76.200	217.510
JJ:717	SL							FF	80.950	
JJ:724	LT	L425250						FF	82.550	154.000
JJ:705	SR	L425350						FF	88.900	185.740
JJ:729	ST	L425450						FF	95.250	185.700
JJ:730	TS							FF	95.250	
JJ:703	HA							FF	101.600	
JJ:704	HR	L425650						FF	107.950	231.850
<b>LOMBARDINI</b>										
JJ:554	530							FF	82.000	
JJ:555	LDA.510							FF	85.000	
JJ:556	450							FF	86.000	
<b>LOTUS</b>										
JJ:1356	1558 CC		SU4027					SF	82.500	140.335
<b>MACK TRUCKS</b>										
JJ:2302	E6 - 509GC 284 AP1					509GC-3153-P1	6	FF	123.850	283.800
JJ:2302A	E6 - 509GC 284 AP4						6	FF	123.850	283.800
JJ:2302 B	E6 - 509GC 284 AP6						6	FF	123.850	283.800
JJ:2302 C	E6 - 509GC 284 AP12						6	FF	123.850	283.800
JJ:2302D	E6 - 509GC 284 AP20						6	FF	123.850	283.800

### LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:2301	E7 - 509GC 463						6	FF	123.850	279.400
JJ:1357	EM6-350		DS-464H				6	FF	123.825	277.825
JJ:1358	END-707,END-711/A/B/T		DS-523				6	FF	127.000	283.764

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>MAN</b>										
JJ:1359	D-0224 /6.9			227WT36			6	SF	102.000	217.000
JJ:1359A	D-226 /O/S /8.9			227WT57			6	SF	102.000	217.000
JJ:1360	D0846 HM2/HMN2		CH2830 200B	227 WT 09		51.01.201.0167	6	SF	108.000	254.000
JJ:1361	D0846 HM2/HMN2		CH2830 210	227 WT 10		51.01.201.0240	6	SF	108.000	254.000
JJ:1363	D0846 HM2/HMN2		CH 2830 220				6	SF	108.000	254.000
JJ:3008	ME 220/TG 330			227WT39			6	SF	108.000	217.000
JJ:3008A	D0830			227WT49			6	SF	108.000	217.000
JJ:1364	D0846 HM2/HMN2		SJ351147N	227 WT 07			6	SF	108.000	254.000
JJ:1367	D2156		SJ351145N	227 WT 15		50.00246.583	6	SF	121.000	287.000
JJ:1367A	D 2156 O/S			227WT16			6	SF	121.000	287.000
JJ:1368	D-2356			227WT19		51.01.201.0262	6	SF	123.000	287.000
JJ:1368A	D2356 O/S-2366			227WT21		65.01.201.0019	6	SF	123.000	287.000
JJ:901	D-2530/D-2538/D-2542 M/ME/MF	L452710	BF-20 0402 25300	227WN30		51.01.201.0299	8	FF	125.000	253.000
JJ:902	D-2530/D-2538/D-2542 M/ME/MF		BF-20 040225301	227WN40			8	FF	125.000	253.000
JJ:903	D 2555/D2556 /D2565 /D2566	L452700	BF-20 0402 25660	227 WN 32		51.01201.0296	6	FF	125.000	270.000
JJ904	D 2555/D2556 /D2565 /D2566	L452701	BF-20 0402 25661	227WN33		51.01201.0323	6	FF	125.000	270.000
JJ:905	D-2556/D-2566	L452702	BF-20 0402 25662	227WN58		51.01201.0298	6	FF	125.000	270.000
JJ:906	D-2556/D-2566	L452703		227WN60			6	FF	125.000	270.000
JJ:45-A	D-2840	L452970	BF-200402 28480	227WN34			8	FF	128.000	253.000
JJ:45-B	D-2840	L452971	BF-20 04028481	227WN35			8	FF	128.000	253.000
JJ:668	D 2856/D2866	L45 2900	BF-200402 28663	227 WN 37		51.01201.0309	6	FF	128.000	270.000
JJ:668-A	D 2856/D2866	L45 2901	BF-20 0402 28662	227 WN 42		51.01201.0344	6	FF	128.000	270.000
JJ:668-B	D 2856/D2866	L452902	BF-200 402 28661	227 WN 43		51.01201.0324	6	FF	128.000	270.000
JJ:668-C	D 2856/D2866	L45 2904	BF-20040228664	227WN61			6	FF	128.000	270.000
<b>MASSEY FERGUSON</b>										
JJ:3009	23C/FE35			047 WT 02		188494M1		SF	84.138	187.452
JJ:1370	AD3.152		SU530201F	043 WT 08				SF	91.491	216.027
JJ:1371	AD4.203/AD4.203 / A3.152		SJ546900	043 WV 07				FF	91.491	216.027
JJ:1372	A4.212		SJ351150			31358394		FF	98.476	227.279
JJ:1373	A4.212		SU351178	043 WV 12		31358393		SF	98.476	227.279
JJ:1374	A4.212		SU538101	043 WV 11		31358324		SF	98.476	228.981
JJ:1375	T 6.6		SJ351306				6	FF	100.000	226.440
JJ:1376	A4.248		SU351078	043 WV 20		31358346		SF	101.054	227.279
JJ:1376-A	A 4.248		SJ351166					FF	101.054	227.279
JJ:1377	A4.318		SJ351192					FF	114.313	230.784
JJ:1378	A4.318		SU351193					SF	114.313	230.784
<b>MAZDA</b>										
JJ:1379	PB	0249-10-311				0249-10-311	4	SF	68.000	125.000
JJ:1380	TB	0271-23-206				0268-10-311	4	SF	70.000	132.000
JJ:1381	UA	0604-10-311				0604-10-311	4	SF	75.000	147.500
JJ:1382	PN						4	SF	78.000	155.000
JJ:394	VA	0552-10-311A				0552-10-311A	4	SF	82.000	168.500
JJ:1384	R2 / RF	RF01-10-311				RF01-23-051	4	SF	86.000	165.000
JJ:1385	RD						4	SF	86.000	163.000
JJ:1385A	F8	1-F801-23-051					4	SF	86.000	143.880
JJ:1386	XA E-2500	0636-10-311	SJ351265				4	SF	88.900	188.830
JJ:1387	S2 E-2200		SJ351253			1456-23-051	4	SF	88.900	167.100
JJ:1388	XB E-2700	0528-10-311	SJ351254			0528-10-311	4	SF	92.000	191.100
JJ:1389	ZB	1-V101-23-051	SJ351254				6	SF	92.000	191.100
JJ:1672	WL	1-WL01-23-051					4	SF	93.000	165.050
JJ:1390	HA E-3000	1363-23-051A				1363-23-051	4	SF	95.000	189.000
JJ:1391	SL T-3500	SL01-23-311				SL01-23-051	4	SF	100.000	193.700
JJ:1392	TE	K800-10-311A				TFYO-10-311	4	SF	105.500	200.000
<b>MG</b>										
JJ:1393	A SERIES		SU3367					SF	64.567	134.137
JJ:1394	A SERIES		SU3598					SF	70.612	141.275
JJ:1395	B SERIES		SU2447					SF	73.025	153.988
JJ:1396	B SERIES		SU351084					SF	80.251	153.924
JJ:1397	3528 CC		SU4244					SF	88.862	141.732
<b>MERCEDES BENZ / DAIMLER BENZ</b>										
JJ:1110	OM636 VI-E	-	SU 453801F	001 WV 06		181.011.01.10		SF	75.000	190.246
JJ:1111	OM636	-	SU 453802	-		-		SF	75.000	190.246
JJ:1112	OM621	-	-	001WV07		-		SF	85.000	156.500
JJ:1113	OM601/OM602/OM603/OM605	-	-	001 WV 09	89193190	366 011 0610		SF	87.000	148.400
JJ:1114	OM615.913/915	616.01.1010	SU351123ZF	001 WV 03		-		SF	87.000	158.400
JJ:1115	OM602, OM601/OM 603	-	SU 351337	001 WV 14		-		SF	89.000	156.500
JJ:1116 A	OM 617	-	-	001WV04		-		SF	90.900	158.400
JJ:1116	OM616.912/916/312	-	SU351119ZF	004 WV 21	88681190	-		SF	91.000	158.400
JJ:1117	OM321	-	SU 463801	-		-		SF	95.000	215.265
JJ:1118	OM314, OM352	-	SU 607501	004 WV 13		-		SF	97.000	223.012

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1119	OM364.900/907, OM366	-	SU 351281	004 WV 09		3660110610		SF	97.000	222.500
JJ:1119 A	OM 352/ OM 353/OM 362			004WV08				SF	97.000	222.000
JJ:3010	OM 364/OM 366/OM 356	L455801						SF	97.500	222.000
JJ:3011	OM 902/OM 904/ OM906/	L45 5900 S		004WV18				SF	102.000	220.000
JJ:1122	OM360	-	-	005WV03		-		SF	115.000	253.500
JJ:1123	OM355A SLEEVE	-	SU 351094	003 WV 09		355-011-0710		SF	128.000	287.500
JJ:1123 A	OM355A SLEEVE			003WV27		355 011 1010		SF	128.000	287.500
JJ:1123 B	OM 355 / O/S			005WV07				SF	128.000	287.500
JJ:1123C	OM 355 / O/S			005WV08				SF	128.000	287.500
JJ:1123C	OM 355 / O/S			005WV08				SF	128.000	287.500
JJ:082 A	OM 401-402	bf-20 0403 40300	SJ351231 SJ351233	003 WN 14		403 011 3210	6	FF	125.000	253.000
JJ:420	OM 403-404	bf 20 0403 40304	89314110.000	003 WN 18			6	FF	125.000	253.000
JJ:6752	OM -403-404	BF-20 0403 40301	89380110.000	003 WN 24			6	FF	125.000	253.000
JJ:013	OM 407A-OM 409 -305 BUS	BF 20 040340701	89315110.000	003WN19			6	FF	125.000	265.000
JJ:013A	OM 407A-OM 409 -305 BUS	BF 20 0403 40700	89192110.000	003WN16		407 011 1110	6	FF	125.000	265.000
JJ:421- A	OM 421-422-423-444	BF 20 0403 4200	SJ 351230	003 WN 25		444 011 0210	6	FF	128.000	253.000
JJ:421	OM 421-422-423-424--441-442-443-444	BF 20 0403 42001	89180110.000	003 WN 15		423-011-0210 423 011 0310	6 8 10 12	FF	128.000	253.000
JJ:670	OM 421-422-423-441-442-444	BF 20 0403 42002	89395110.000	003 WN 28			6	FF	128.000	253.000
JJ:585	OM 447-449	BF 20 0403 44701	89391110.000	003 WN 29			6	FF	128.000	270.000
JJ:585 A	OM 447-449-427	BF 20 0403 44700	89390110.000	003 WN 26		447 011 0210 447 011 0110	6	FF	128.000	270.000
JJ:903	OM457			001WN21			6	FF	128.000	266.000
JJ:462A	OM 441-442-443							FF	130.000	258.000
JJ:588	OM 441-442-443-444			001 WN 14			6	FF	130.000	253.000
JJ:452	OM 441-442-443-444	L456600		003WN 23			4	FF	130.000	253.000
JJ:462A	OM 521-522-541-542-941			003 WN 31			6	FF	130.000	258.000
JJ:462B	OM 521-522-541-542-941			003 WN 32			8	FF	130.000	258.000

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>MITSUBISHI</b>										
JJ:427	NM 45							FF	65.000	140.100
JJ:501	NM 55							FF	68.000	140.000
JJ:502	NM 65							FF	73.000	148.000
JJ:428	NM 75							FF	78.000	155.600
JJ:503	SD 5							FF	78.000	170.000
JJ:504	M 85							FF	80.000	174.000
JJ:505	M 80							FF	80.000	156.000
JJ:506	SD 6							FF	80.000	170.000
JJ:673	NM 90							FF	80.000	168.600
JJ:1398	4D65 / FUSO							SF	80.600	146.000
JJ:507	M 95							FF	85.000	172.500
JJ:1399	4DR-10							SF	88.000	170.000
JJ:508	NM 110							FF	88.000	175.000
JJ:1400	4D55/56					MD 103648-9	4	SF	91.100	165.000
JJ:1401	4DR5/4DR51 6DR5					31607-02202 31607-02101-2	4 6	SF	92.000	176.000
JJ:509	M 11							FF	92.000	169.000
JJ:429	NM 130							FF	94.000	170.000
JJ:1402	4DR7							SF	95.000	180.000
JJ:1655	4M40					1-ME202342		SF	95.000	170.000
JJ:430	NM 150 /M14							FF	96.000	199.640
JJ:510	6DS7					ME 021843-4	6	FF	98.000	201.200
JJ:1404	4D30					ME 011513	4	SF	100.000	196.500
JJ:1405	4D31					ME 011523	4	SF	100.000	191.000
JJ:431	NM 180							FF	100.000	199.860
JJ:1406	4D32 /34							SF	104.000	197.000
JJ:1407	4D34							SF	104.000	200.000
JJ:1675	4D33					1-ME 013312		SF	108.000	200.000
JJ:015	6D14 / 4D35			SJ 351259		ME 31453		FF	110.000	206.000
	6D14 (NEW)					ME071198-200	6	FF	110.000	211.000
JJ:511	6D15					ME 0311656	6	FF	113.000	206.000
	6D15(NEW)					ME071062-4	6	FF	113.000	211.000
JJ:1408	6D16(NEW)					ME041105-7.	6	SF	118.000	206.000
JJ:081	6D22			SJ 351261		ME 051500	6	FF	130.000	261.750
JJ:557	8DC80							FF	135.000	229.600
JJ:92	8DC90 /8DC91			SJ 351225		ME O61036		FF	135.000	259.750
<b>MORGAN</b>										
JJ:1409	105E,107E,307E,116E,120E,122E			SU3166				SF	80.950	123.825
JJ:1410	105E,107E,307E,116E,120E,122E			SU3373				SF	80.950	140.335
JJ:1411	105E,107E,307E,116E,120E,122E			SU3821				SF	80.950	123.825
JJ:1412	105E,107E,307E,116E,120E,122E			SU3822				SF	80.950	140.335
JJ:1413	2737E			SU4017				SF	80.985	150.368
JJ:1414	2737E			SU4026				SF	80.985	150.368
JJ:1415	3528 CC			SU4244				SF	88.862	141.732
<b>MWM</b>										
JJ:827	D 227/ D 303					151WN14		FF	100.000	212.000
JJ:824	D 229					151WN29		FF	102.000	212.500
<b>MORRIS</b>										
JJ:1416	A SERIES			SU 2893				SF	62.916	130.962
JJ:1417	A SERIES			SU3367				SF	64.567	134.137
JJ:1418	A SERIES, A+SERIES			SU3598				SF	70.612	141.275
JJ:1420	1.5 LITRE			SU498901				SF	73.012	163.512
JJ:1419	B SERIES			SU2447				SF	73.025	153.988
JJ:1421	B SERIES			SU3270				SF	76.187	154.000
JJ:1422	E SERIES			SU4245				SF	76.200	146.431
JJ:1423	B SERIES			SU351084				SF	80.251	153.924
JJ:1424	22UA			SU221801				SF	82.550	193.675
JJ:1425	O SERIES			SU4279				SF	84.442	152.273
JJ:1426	EA SERIES 25U			SU3969				SF	84.938	192.100
JJ:1427	EA SERIES			SU548001				SF	88.900	193.675
<b>NISSAN</b>										
JJ:1428	A-12						4	SF	73.000	125.000
JJ:3012	A10/ A12/ A13					1-11012-H1025	4	SF	73.025	174.620
JJ:3013	A14/ 5/E13					1-11012-H7685	4	SF	74.000	137.950
JJ:3014	A14					1-11012-H7225	4	SF	75.222	137.994
JJ:1429	E-15					1-11012-17M12	4	SF	76.000	123.000
JJ:1430	J-15					1-11012-13201	4	SF	78.000	140.000
JJ:1431	CD17						4	SF	80.000	146.000
JJ:1432	SD20/SD33/SD22			SJ 351117N	640 WT 01	11012-76200	4/6	SF	83.000	175.500
JJ:1433	SD-22					11012-76201	4	SF	83.000	175.500
JJ:1654	L24/L26						4	SF	83.000	215.900
JJ:3015	L16					1-11012-21010	4	SF	83.000	140.800
JJ:1434	CD-20						4	SF	84.500	150.000
JJ:1435	LD-28					11012-V0700	4	SF	84.500	150.000
JJ:1436	Z-20 / LD-20					11012-A8701	4	SF	85.000	140.000
JJ:1437	RD-28					1-11012-22164	4	SF	85.000	150.000
JJ:3016	L18					1-11012-78500	4	SF	85.000	150.000
JJ:1674	L20 B					1-11012-v6001	4	SF	86.000	150.000
JJ:1438	H-20						4	SF	87.000	150.000
JJ:1439	Z-24						4	SF	88.900	212.720

**LIST OF CYLINDER LINERS & SLEEVES**

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1440	TD-23					11012-02N10	4	SF	89.000	160.000
JJ:1441	SD-23 /SD25					11012-L2002	4	SF	89.000	172.000
JJ:1443	TD-25					11012-44G05	4	SF	92.900	160.000
JJ:1444	TD-27/42					11012-43G05	4	SF	96.000	160.000
JJ:009	ED-30					11012-J2000-1	4	FF	98.000	185.000
	ED6					11012-Z5001	6	FF	100.000	212.000
	FD6					11012-Z5573				
JJ:08	ED33					11012-T9000	4	FF	100.000	191.000
JJ:719	FD-6 T					11012-Z5512	6	FF	100.000	201.000
JJ:456	FD33 /FD35					11012-02T01	4	FF	100.000	191.000
JJ:50	ED35					11012-01T10	4	FF	102.500	191.000
JJ:3018	FE6BT/FE6NEW			640 WT 18		11012 Z5518	6	SF	108.000	217.000
JJ:3018A	FE6					11012-Z5518	6	SF	108.000	220.000
JJ:1445A	ND6/NE6(NEW)					11012-95065-6	6	SF	110.000	229.000
JJ:1445	ND-6/NE6					11012-95001-2	6	SF	110.040	229.250
JJ:3017	NF6					11012-95515	6	SF	120.000	226.000
JJ:1446	PD-6					11012-96000-1	6	SF	125.000	259.156
JJ:1447	PE-6 /PE6T/ RD-6					11012-96500-1	6	SF	133.000	259.000
JJ:768	RD 8 C		SJ 351308				6	FF	135.000	243.000
JJ:281	RD8/RD10		SJ351268			11012-97025 11012-97063	8/10	FF	135.000	243.000
	RE8					11012-97118	8/10	FF	135.000	238.000
	RE10					11012-97161				
	RF8					11012-97164 11012-97171	8	FF	138.000	238.300

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>NUFFIELD TRACTOR</b>										
JJ:1448	15T		SU498901					SF	73.012	163.512
JJ:1449	16T		SU3270					SF	76.187	154.000
<b>OPEL</b>										
JJ:1450	4EC1-T, 4EC1		SU351313					SF	76.000	138.000
JJ:1451	1600S							SF	79.000	150.000
JJ:1452	1500.000		SU2555					SF	80.000	158.000
JJ:1453	1.6D		SU351283					SF	80.000	143.500
JJ:1454	OPEL							SF	82.500	142.000
JJ:1455	1.700		SU3693					SF	85.000	156.500
JJ:1456	OPEL							SF	86.500	172.000
JJ:1457	OPEL							SF	88.000	172.000
JJ:1458	OPEL							SF	90.000	173.000
JJ:1459	OPEL	-	-	011 WV 03	89048190		-	SF	92.000	172.000
JJ:1460	OPEL							SF	103.180	216.300
JJ:1461	OPEL							SF	115.890	235.500
<b>PERKINS</b>										
JJ:3019	4.108	L553150		043 WV 04		31358117	3		79.375	165.100
JJ:1462	P3.144/P4.192 4.192/A4.192 6.288		SU8900	043 WV 17		31358119	4	SF	88.925	215.000
JJ:1462 A	4.154	L553300S	SU351027				4	SF	88.925	191.200
JJ:1463	3.152/A3.152		SU628201			31358345.000	3	SF	91.491	215.900
JJ:1464	D3.152/AD3.152, D4.203/AD4.203		SJ546900N	043 WV 07		31358308	3	FF	91.491	216.027
JJ:1465	D3.152/AD3.152, D4.203/AD4.203		SU530201F	043 WT 08		31358322	3	SF	91.491	216.027
JJ:1467	4.165		SJ351176NS			3135V002	4	FF	92.000	191.186
JJ:1468	4.165		SU351104NS	043 WV 16		3135V001	4	SF	92.000	191.186
JJ:1481	CRD 93		CH 2403 100					SF	93.000	163.000
JJ:3020	A4.212 / AD4.236 6.354			043 WV 11		31358324	4 6	SF	98.476	228.981
JJ:3021	A4.212 / AD4.236 6.354					31358394	4	SF	98.476	226.500
JJ:3021A	A 4.212/AD 4.236					3135X032	4	FF	98.476	226.440
JJ:1469	A4.212 / AD4.236 6.354		SJ584201NS	043 WV 13		31358341	4	FF	98.476	227.279
JJ:1471	A4.212		SU569200S	043 WV 12		31358327 31358339	4 6	SF	98.476	227.279
JJ:1473	T4.40,C4.40,T6.60,CC6.60		SJ351306			3135X042 3135X041		FF	100.000	226.440
JJ:3025	PHASER					3135X062		FF	100.000	226.450
JJ:3025A	PHASER					3135X063		FF	100.000	227.000
JJ:1474	4.248		SJ351166NS	043 WV 14		31358352 31358346	4	FF	101.054	227.279
JJ:1475	4.248		SU351026	043 WV 14		31358343 742466M1	4	SF	101.054	223.901
JJ:1476	4.248		SU351078S	043 WV 20				SF	101.054	227.279
JJ:3024	A 4.248					3135X033		SF	101.054	225.000
JJ:3024A	A 4.248					3135X034		FF	101.054	225.000
JJ:1478	V8.510/AV8.510		SJ351207			31358905		FF	107.950	226.060
JJ:1479	4.318		SJ351192N			31358534 31358533	4	FF	114.313	230.784
JJ:1480	4.318		SU351193F			31358522 739643M1 745991M1		SF	114.313	230.784
JJ: 641	Perkins 160							FF	160.000	340.500
<b>PERKINS CHROMARD</b>										
JJ:1482	D3.152/AD3.152, D4.203/AD4.203		KT3600FP	043 WT 06		31358308		FF	91.491	215.900
JJ:1483	D3.152/AD3.152, D4.203/AD4.203		KT3600FPX1					FF	91.491	215.900
JJ:1484	D3.152/AD3.152, D4.203/AD4.203		KT3600FPX2					FF	91.491	215.900
JJ:1485	D3.152/AD3.152, D4.203/AD4.203		KT3601FP	043 WT 09				FF	91.491	215.900
<b>PETTER</b>										
JJ:1486	AV1,AVA1,AV2,AVA2		SU625101					SF	80.000	207.569
JJ:1487	AV1,AVA1,AV2,AVA2		SU625103					SF	80.000	207.569
JJ:1488	PH1,PH2,PH1W,PH2W		SU617001					SF	87.465	207.010
JJ:1489	PH1,PH2,PH1W,PH2W		SU617002					SF	87.465	207.010
JJ:1490	PJW, PJ		SU351021					SF	96.876	209.550
<b>PETTER AIRCOOLED BLOCK</b>										
JJ:731	PH INDEC						1	FF	87.300	
JJ:732	PH INDEC						1	FF	87.500	
JJ:733	CA1						1	FF	80.000	
JJ:734	JA1						1	FF	85.000	
JJ:735	TA1						1	FF	87.500	
JJ:736	95 MM						1	FF	95.000	
JJ:737	PJ						1	FF	96.964	
<b>PEUGEOT</b>										
JJ:1648	70mm						4	SF	70.000	135.100
JJ: 676	TU 1 M/Z -TU 1K/205	L558050		0039WN20			4	FF	72.020	122.000
JJ:1649	75mm						4	FF	75.000	135.400
JJ: 677	206 -TU 3JP L4		CH5272200	021WN26			4	FF	75.020	135.200
JJ:1491	XUD7 / 309		CH 2333 100	039 WV 23			4	SF	80.000	154.000
JJ:1492	XUD9/A/B, 162 /306		CH 2334 100	039WV32			4	SF	83.000	153.500

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:057	405-BX			039WN24			4	FF	83.000	141.000
JJ:288	504/404 NEW			039 WN 10			4	FF	84.000	135.600
JJ:612	XC-5 /404-OLD		C 45137250	039 WN 11			4	FF	84.000	136.000
JJ:287	J 5/J 9			039 WN 13			4	FF	88.000	135.500
JJ:091	XD 88-XDP 88/TMD 4.88		CH.5072.200	039 WN 12			4	FF	88.000	173.000
JJ:646	505.000			039 WN 25			4	FF	88.000	148.500
JJ:090	XD90/504D/J 7			039 WN 15			4	FF	90.000	173.000
JJ:1493	CRD 93		CH 2403 100				4	SF	93.000	163.000
JJ:1494	CRD 93		CH 2403 110				4	SF	93.000	163.000
JJ:1495	XD2/XD2P		CH 2311 100			11140	4	SF	94.000	170.000
JJ:1496	XD2/XD2P		CH 2315 100	039WV16			4	SF	94.000	170.300
JJ:1497	XD3/XD3P		CH 2319 100				4	SF	94.000	165.800
<b>POLSKI FIAT</b>										
JJ:1498	127A/127A.000	21205402						SF	65.000	115.000
JJ:1499	132A/B/C1/AB.1A	21206102						SF	84.000	145.500
<b>RABA MAN</b>										
JJ:1501	D-2156							SF	121.000	287.000
JJ:1502	D-2356							SF	123.000	287.000
<b>RENAULT</b>										
JJ:310	800/R6			021WN05			4	FF	58.000	126.000
JJ: 683	R 9 /R9			021WN28			4	FF	73.000	134.000
JJ:408	R5 /R9/R12			021WN23			4	FF	76.000	134.000
JJ: 681	R 12			021WN09			4	FF	73.000	134.000
JJ: 680	R 19			021WN30			4	FF	75.800	130.000
JJ: 682	R 18			021WN23			4	FF	76.000	134.000
JJ:1503	F 8 M		CH 2317 100	021 WV 27			4	SF	78.000	149.000
JJ:1504	8140.670	21230702.000					4	SF	90.475	167.0000
JJ:1505	8140.210	21233502.000					4	SF	93.000	171.000
JJ:1506	8140.610	21230502.000					4	SF	93.000	167.000
JJ:1507	8140.610	21230702.000					4	SF	93.000	167.000
JJ:1508	8140.810	21232802.000					4	SF	93.000	167.000
JJ:1509	8140.270	21235902.000					4	SF	93.000	171.000
JJ:516	712-A30			592WN06			6	FF	102.000	235.000
JJ:516A	712-AVIA			592WN09			6	FF	102.000	234.300
JJ:279	720/SM5-NISSAN			592WN10			6	FF	102.000	220.000
JJ:1531A	DCI 11 Euro 3, MIDR 623.56 Euro 2			209 WN 21	89588110			FF	123.000	257.000
JJ:66	MIDR 620.3			209WN17			6	FF	120.000	261.000
JJ:672	MIS 620.30,			209WN12			6	FF	120.000	261.000
JJ:1537A	MIDR 635.40			209 WT 18	89451110			SF	135.000	286.000
JJ:2078	R 340			209WT15			6	SF	135.000	286.000

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>RILEY</b>										
JJ:1510	A SERIES		SU2893					SF	62.916	130.962
JJ:1511	A SERIES		SU3367					SF	64.567	134.137
JJ:1512	A SERIES		SU3598					SF	70.612	141.275
JJ:1513	B SERIES		SU2447					SF	73.025	153.988
<b>ROLSROYS</b>										
JJ:633	130mm	L586050						FF	130.180	306.000
JJ:2180	135mm							SF	135.030	283.800
<b>ROVER</b>										
JJ:1514	XUD9/A/B		CH 2334 100					SF	83.000	153.500
JJ:1515	O SERIES		SU4279					SF	84.442	152.273
JJ:1516	P6		SU3977					SF	85.725	165.100
JJ:1517	3528 CC		SU4244					SF	88.862	141.732
JJ:1518	2286.000		SU494402					SF	90.475	191.364
<b>R.V.I</b>										
JJ516	AVIA A 30 712			592 WN 06				FF	102.000	235.000
JJ:1519	D0846 HM2HMN2		CH 2830 270					SF	108.000	254.000
JJ:1520	D0846 HM2HMN2		CH 2830 210					SF	108.000	254.000
JJ:1521	D0846 HM2HMN2		CH 2830 200					SF	108.000	254.000
JJ:1522	D0846 HM2HMN2		CH 2830 220					SF	108.000	254.000
JJ:1523	D0846 HM2HMN2		SJ351147N	227 WT 11				SF	108.000	254.000
JJ:1524	M/MD 420 30		CH 2832 200	227 WT 09				SF	120.000	257.000
JJ:1525	D2156		CH 2291 200					SF	121.000	287.000
JJ:1526	D2156		CH 2292 200					SF	121.000	287.000
JJ:1527	D2156		CH2292 210					SF	121.000	287.000
JJ:1528	D2156							SF	121.000	287.000
JJ:1529	D2356		CH 2439 200					SF	123.000	287.000
JJ:1530	D2356		CH 2439 210					SF	123.000	287.000
JJ:1531	D2356		CH 2439 220					SF	123.000	287.000
JJ:1531A	DCI 11 Euro 3, MIDR 623.56 Euro 2			209 WN 21	89588110			FF	123.000	257.000
JJ:1532	D2858M/ 40/ 42		CH 2437 200					SF	128.000	287.000
JJ:1533	D2858M/ 40/ 42		CH 2437 210					SF	128.000	290.000
JJ:1534	D2858M/ 40/ 42		CH 2437 220					SF	128.000	290.000
JJ:1535	M635/40A, MD0635		CH 2641 200					SF	135.000	286.000
JJ:1536	M635/40A, MD0635		CH 2641 210					SF	135.000	286.000
JJ:1537	MS/MDS 635, 40, MIDR 0635 40		CH 2641 200					SF	135.000	286.000
JJ:1537A	MIDR 635.40			209 WT 18	89451110			SF	135.000	286.000
JJ:1538	MIDS 0635 40		CH 2644 200					SF	135.000	287.600
<b>RUMANIA /UTB</b>										
JJ:269	STEERING LINERS (WINDOW)							FF	90.000	330.500
JJ:514 B	D113 UTB U50 U500 U550/ 650 M/BRASOV	495WN01				103.01.106		FF	108.000	258.000
JJ:609	U 500/650 D							FF	105.000	262.600
JJ:515	UTB 800							FF	110.000	251.000
<b>RUSSIAN TRACTORS</b>										
JJ:517	6HP / D24							FF	85.000	210.000
JJ:723	BYLARUS MTZ-45							FF	105.000	251.925
JJ:805	MTZ 80/50 -JUMA 6A -MTZ 100/102							FF	110.000	245.000
JJ:806	S M D-14/15 -DT 75V							FF	120.000	266.000
JJ:518	T 62							FF	120.000	346.600
JJ:529	DT-14 , DT-28							FF	125.000	269.875
JJ:904	SMD 60/62 - T 150/150K - KS 6/KSK							FF	130.000	222.000
JJ:386	RUSSIAN - LIAZ -R-100			133WN04				FF	130.000	276.000
JJ:073	RUSSIAN TANK -T 55							FF	150.000	276.600
<b>SAVIEM</b>										
JJ:14	712			592WN08				FF	98.000	220.500
JJ:1539	D0846 HMN							SF	108.000	254.000
JJ:1540	D2156							SF	121.000	287.000
JJ:1541	D2356							SF	123.000	287.000
<b>SCANIA</b>										
JJ:519	D5-DS8/9-DN8/9	BF 200407 90000		061 WN 08		245396	6	FF	115.000	270.500
JJ:527	D5-D8-DS8	BF 200407 90005		061 WN 01		243817	06-Jan	FF	115.000	271.000
JJ:647	DSC 9	BF 2004079001		061 WN 11		1 391 247 1	6	FF	115.000	265.500
JJ:825B	DSC14	200407 14002		061WN12		110 3002	8	FF	127.000	275.500
JJ:825	DS-14/DSC14	BF 200407 14000	SJ 351137	061 WN 13	88568110	230 151	8	FF	127.000	275.500
JJ:825 A	DS/1. 14	BF 200407 14001		061WN16		110 3002	8	FF	127.000	276.000
JJ:020	DSC 11.01	BF-200407		061 WN 10		1 118 368	6	FF	127.000	291.000
JJ:853	DC 12-DSC 12			061WN17			8	FF	127.000	271.000
JJ:809	DS 11.75-DSC11.21-DSC 11.27	BF-200407 11008		061WN19	89367 110	1 305 546	6	FF	127.000	291.000
JJ:696	DS 11-DSC 11.23	BF 200407 11002		061WN09		363 301	6	FF	127.000	291.000
JJ:696 A	DS/C 11.75/78	BF-200407 11001		061WN14		1 305 095	6	FF	127.000	291.000
JJ:085 A	DS-11	BF-200407 11001	SJ351072	061 WN 04		303 305	6	FF	127.000	291.000
<b>SEAT</b>										
JJ:1542	100GBC/GL-146A	21205402						SF	65.000	115.000
JJ:1543	4.108							SF	79.375	165.100
JJ:1544	1.9							SF	79.500	152.000
JJ:1545	138B6.000	21230602						SF	83.000	114.000
JJ:1546	138B6.000	21231602						SF	83.000	147.000
JJ:1547	132A/B/C1/AB.1A	21206102						SF	84.000	145.000
JJ:1548	OM 615							SF	87.000	158.400
JJ:1549	8144.61			008 06 90		21230502		SF	93.000	167.000

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1550	8144.610	21230702						SF	93.000	167.000
<b>SIMCA</b>										
JJ:1551	1221 CC,1.2L		SU3041					SF	72.000	165.100
JJ:1552	1290 CC		SU3042					SF	74.000	165.100
<b>SINGER</b>										
JJ:1553	875 CC		SU3834 ZF					SF	67.986	100.330
JJ:1554	875 CC		SU3636ZF					SF	72.532	100.076
JJ:1555	1494 CC		SU2848					SF	78.999	152.400
JJ:1556	1592 CC		SU3756					SF	81.539	152.400
<b>STANDARD</b>										
JJ:1557	948 C, ATLAS		SU3649					SF	63.000	134.112
JJ:1558	1147 CC		SU3649					SF	69.289	135.128
JJ:1559	1998 CC		SU3157					SF	74.689	134.112
JJ:1560	2260 CC		SJ235800 NS	047 WT 02				SF	84.176	187.706
<b>STEYER</b>										
JJ:206	WD - 408			321 WN 04			4	FF	100.000	196.500
JJ:1561	WD 610		321T05 SEMI					SF	104.930	222.500
JJ:3022	WD 612			321WT06				SF	108.000	218.000
JJ:162	WD 615							FF	126.000	241.000
<b>SUNBEAM</b>										
JJ:1563	875 CC		SU3834ZF					SF	67.986	100.330
JJ:1564	996 CC		SU3636ZF					SF	72.532	100.076
JJ:1565	1390 CC		SU2501					SF	76.020	152.400
JJ:1566	1494 C,ALPIN		SU2848					SF	78.999	152.400
JJ:1567	2267 CC		SU 2115					SF	80.962	195.262
JJ:1568	1592 C, H120		SU3756					SF	81.539	144.000
<b>TALBOT</b>										
JJ:1569	1592 CC		SU3756					SF	76.800	152.400
JJ:1570	XUD9/A/B/, 162		CH 2334 100					SF	83.000	153.500
JJ:1571	U25/651/U25/661		CH 2403 100					SF	93.000	163.000
JJ:1572	U8,XD2S (147)		CH 2315 100					SF	94.000	170.300
JJ:1573	U8,XD2S (147)		CH 2311 100					SF	94.000	170.000
<b>TATRA AIR COOLED BLOCK</b>										
JJ:833	TATRA BLOCK						8	FF	105.000	
JJ:800	T 3-928/029/930					314000 200	10	FF	120.000	
<b>TOYOTA</b>										
JJ:1575	2E [Corolla]						4	SF	73.000	170.000
JJ:1576	1N	LSX46276					4	SF	74.000	136.000
JJ:1574	4K					11462-24010	4	SF	75.000	121.285
JJ:1577	3K-B					11462-24010	4	SF	75.000	121.285
JJ:1578	3P					11462-23010	4	SF	76.000	137.000
JJ:1579	2P					11462-21010	4	SF	76.000	130.000
JJ:1580	1A/3A						4	SF	77.000	140.000
JJ:1671	3 AU						4	SF	77.500	140.000
JJ:1581	2R					11462-31010	4	SF	78.000	144.000
JJ:1582	12R					11462-31020	4	SF	80.500	144.000
JJ:1583	5K/1S						4	SF	80.500	146.000
JJ:1672	4 S						4	SF	81.500	140.000
JJ:1584	1C	LSX 46112				11461-64011	4	SF	83.000	155.000
JJ:1585	SM						4	SF	83.740	215.900
JJ:1586	21R						4	SF	84.000	120.000
JJ:1587	2T						4	SF	85.000	150.000
JJ:1588	7R					11462-33010	4	SF	86.000	144.000
JJ:1589	2K						4	SF	86.000	140.000
JJ:1590	1Y						4	SF	86.000	140.000
JJ:1591	2Y						4	SF	86.000	144.000
JJ:1592	2C /3C	LSX46260				11461-64090	4	SF	86.000	150.000
JJ:1593	3Y						4	SF	86.000	160.000
JJ:1594	2J / H	LSF 46226				11462-48011	4/6	SF	88.000	183.500
JJ:1595	5R / 3R					11461-48010	4	SF	88.000	151.000
JJ:1596	18R						4	SF	88.500	150.000
JJ:1597	L	LSF 46234				11461-54010	4	SF	90.000	160.500
JJ:1598	F					11461-60010	4	SF	90.000	187.000
JJ:1599	2H /2HT	LSF46624				11461-68010	6	SF	91.000	184.000
JJ:1600	2L					11461-54060	4	SF	92.000	161.290
JJ:1601	2L -					11462-54070	4	SF	92.000	179.000
JJ:1602	22R						4	SF	92.075	180.000
JJ:1603	2F						4	SF	94.000	191.000
JJ:1604	1HZ / 1PZ					11461-17010	6	SF	94.000	166.500
JJ:1605	3F						4	SF	94.000	220.000
JJ:1606	B - New	LSF46626				11461-56020	4	SF	95.000	190.220
JJ:1607	B - 11 B					11461-56030	4	SF	95.000	190.220
JJ:1608	B [DIANE]					11461-56010	4	SF	95.000	190.000
JJ:1673	BU60					11461-56020	4	SF	95.000	190.460
JJ:1673A	11B					11462-56060	4	SF	95.000	192.000
JJ:1609	3L					11461-54090	4	SF	96.000	190.250
JJ:1609A	3L					11461-54100	4		96.000	190.000
JJ:1610	1Z 11Z/12Z					11461-78300	4/6	SF	96.000	182.500
JJ:1611	1KZ					11461-78301	4	SF	96.000	174.000
JJ:1612	2B					11461-57010	4	SF	98.000	190.180

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
JJ:1613	3B					11461-58010	4	SF	102.000	190.260
JJ:1614	13B					11461-58020	4	SF	102.000	190.260
JJ:1615	14B					11461-58040	4	SF	102.000	190.260
JJ:1616	14BT						4	SF	102.000	197.000
JJ:1617	1W						4	SF	104.000	201.000
JJ:153	2D 5 Ring					11461-77040	6	FF	105.000	242.000
JJ:007	2D 4 Ring					11461-77021	6	FF	105.000	233.000
JJ:3026	15 BF					11461-58090	4	SF	108.000	200.000
JJ:1651	4HD1							SF	114.000	181.000
<b>TRIUMPH (CARS)</b>										
JJ:1618	1147 CC		SU3649					SF	69.289	135.128
JJ:1619	1296 CC		SU3875					SF	73.647	135.128
JJ:1620	23 C		SJ235800					SF	84.176	187.960
JJ:1621	2997 CC		SU4251					SF	84.987	120.650
<b>VAUXHALL</b>										
JJ:1622	1057 CC		SU3587					SF	74.295	127.000
JJ:1623	4EC1		SU351313					SF	76.000	138.000
JJ:1624	1159 CC		SU3831					SF	77.749	127.000
JJ:1625	CRESTA		SU2123					SF	79.375	142.494
JJ:1626	1.6D		SU351283					SF	80.000	143.500
JJ:1627	SERIES 101		SU 3744					SF	81.636	142.875
<b>VOLKSWAGEN</b>										
JJ:1628	1471 CC		SU351285					SF	76.500	145.300
JJ:1629	1588 CC, D24		SU351284					SF	76.500	145.000
JJ:772	1.3 L GASOLINA /AIR COOLED BLOCK	36000 1500 200		029WR01		88459110	4	FF	77.000	136.760
JJ:1675	1.9 D							SF	79.500	152.000
JJ:773	1.5 L GASOLINA/AIR COOLED BLOCK	36000 1500 300		029WR06		88463110	4	FF	83.000	136.750
JJ:774	1.6 L GASOLINE/AIR COOLED BLOCK/19 NIBS	36000 1500 400	SJ3856	029WR07		88451110	4	FF	85.500	136.700
JJ:777	1.6 L GASOLINE/AIR COOLED BLOCK/22 NIBS	36000 1500 700				88452110	4	FF	85.500	139.200
JJ:776	1.6 L GASOLINE/AIR COOLED BLOCK	36000 1500 600				88453110	4	FF	85.500	139.200
JJ:775	1600 CC GASOLINE/AIR COOLED BLOCK	36000 1500 500					4	FF	87.000	136.500
JJ:778	1.7 L/AIR COOLED BLOCK	36000 1500 800					4	FF	88.000	136.500
JJ:779	1.8 L/ AIR COOLED BLOCK	36000 1500 900					4	FF	90.500	129.800
JJ:780	1.8 L /AIR COOLED BLOCK	36000 1500 1000					4	FF	92.000	129.800
JJ:781	1.9 L /AIR COOLED BLOCK	36000 1500 1100					4	FF	94.000	129.800
JJ:1630	4.165		SJ351176					SF	92.000	191.186
JJ:1631	4.165		SU351104					SF	92.000	191.186
JJ:286	DF			029WN16				FF	94.000	131.800
<b>VOLVO</b>										
JJ:1632	D24		SU351284				4	SF	76.500	145.000
	TD 40			037 WN 20			4	FF	92.000	180.800
JJ:524	TD - 50B/TD 50A/D50A/D50B	BF 200404 05000	SJ3510410RS	037WN06		420 094	6	FF	95.250	234.000
JJ:525	D 60/TD 60/FL 616		SJ351219ZWR	037 WN 07	89016110	465 170	6	FF	98.430	234.500
JJ:525 A	TD 60A/C/D, TD61A/F/G	BF 200404 06001		037 WN 27	89352110	465 808	6	FF	98.430	237.000
JJ:422 A	TD 71 A/AW/ACE/AP/APB/AG		BF 200404 07100	037 WN 26		471 710	6	FF	104.770	259.500
JJ:422 B	TWD 730/TD 73 FS		BF 0404 07300	037WN37			6	FF	104.770	259.700
JJ:685	TWD 730/B 7 /D 7 BUS			037WN49	89585110		6	FF	104.770	256.800
JJ:685 A	D 7 A/ B 7A BUS			037WN42			6	FF	104.770	259.700
JJ:422	TD 70 ES/F/G/FS /D/TD/MD 70 A/	BF 200404 07000	SJ 351130	037 WN 11		421 430 P04	6	FF	104.770	257.000
JJ:522	BM/ D 42 /D42			331 WN 02			6	FF	105.570	245.000
JJ:839	F-9 /FM 9			037WN50			8	FF	120.000	249.550
JJ:423	TD100G	200404 10003	SJ351303	037 WN 34		479684	6	FF	120.640	296.000
JJ:656	D/MD/TD100 A/B THD/TMD 100 D	200404 10001	SJ351088	037 WN 18		422 090 422 093	6	FF	120.640	294.000
JJ:03	TD 100 B, TD 100BG	3300404		037 WN 21	89087110	467380P06	6	FF	120.640	294.000
JJ:423 B	TD 102 F/FD/FDQ FF/FO/FL/FM/FH KD/THD 102 KP	200404 10004		037 WN 29/39		422 840	6	FF	120.640	287.500
JJ:087	TD 122 F/FR/FK/FS/FH	BF 200404 12200		037 WN 30		478149	6	FF	130.180	313.500
JJ:655	TD120/F12C/D/E/G/GA/TAMD120D/TD120A	BF 200404 12000		037 WN 22		545 671 275 051	6	FF	130.180	311.000
JJ:048	TD 120 F /F12.46/ N 12	BF 200404 12100	SJ351295	037 WN 25	144560000 G	470 286	6	FF	130.180	311.000
	D 12 A Euro2			037 WN 35	89460110		6	FF	131.000	276.400
JJ:785	FH12			037 WN 48	89593110		6	FF	131.000	272.800

## LIST OF CYLINDER LINERS & SLEEVES

DRG REF	APPLICATION	REFERENCE	AE Number	Mahle Number	KS Number	O.E.M Number	No. Of Cylinder	Type	ID	LENGTH
<b>WOLSELEY</b>										
JJ:1633	A SERIES	SU2893						SF	62.916	130.962
JJ:1634	A SERIES	SU3367						SF	64.567	134.137
JJ:1635	A SERIES	SU3598						SF	70.612	141.275
JJ:1636	B SERIES	SU2447						SF	73.025	153.988
JJ:1637	B SERIES	SU3270						SF	76.200	154.000
JJ:1638	E SERIES	SU4245						SF	76.200	146.431
JJ:1639	B SERIES	SU351084						SF	80.251	153.924
<b>YANMAR</b>										
JJ:1652	Gen-1							SF	64.000	150.000
JJ:532	NT - 65							FF	65.000	144.000
JJ:1653	Gen-2							SF	66.000	150.000
JJ:533	D - 4							FF	70.000	144.500
JJ:534	TS - 50							FF	70.000	124.000
JJ:535	TF - 50							FF	74.000	122.100
JJ:1640	NT-75							SF	74.000	190.000
JJ:298	D-5							FF	75.000	190.000
JJ:536	TF - 55 / 60							FF	75.000	140.500
JJ:537	NT - 75							FF	75.000	172.500
JJ:094	TS - 60		SJ351077					FF	75.000	138.000
JJ:538	TF - 65/70							FF	78.000	140.200
JJ:539	TF - 75							FF	80.000	154.000
JJ:540	D - 6							FF	80.000	174.000
JJ:541	TS - 80							FF	80.000	154.000
JJ:542	NT - 80							FF	80.000	180.500
JJ:543	TS - 70							FF	80.000	144.000
JJ:544	TA - 70							FF	80.000	139.500
JJ:545	TA - 80							FF	84.000	153.000
JJ:523	D-7							FF	85.000	190.000
JJ:1641	D-7							SF	85.000	190.000
JJ:546	TF - 85							FF	85.000	154.200
JJ:523	D - 7							FF	85.000	178.000
JJ:547	TS - 105							FF	85.000	164.000
JJ:548	NT - 85							FF	85.000	194.000
JJ:550	3 LK							FF	85.000	166.000
JJ:551	TA - 100							FF	85.000	152.500
JJ:553	NS - 10							FF	88.200	170.000
JJ:554	D - 8							FF	90.000	193.000
JJ:555	TA 120/ SA 120							FF	90.000	170.000
JJ:557	TF - 115							FF	92.000	170.050
JJ:558	TS - 130							FF	92.000	170.000
JJ:1642	SS-4							SF	94.000	220.000
JJ:1643	SS-4							SF	94.000	210.000
JJ:727	2T							FF	95.000	217.500
JJ:728	2T							FF	95.000	217.500
JJ:559	SS - 4							FF	95.000	256.000
JJ:560	NT - 95							FF	95.000	217.000
JJ:093	TS - 155							FF	95.000	195.000
JJ:561	F - 9							FF	95.000	195.600
JJ:562	TA - 140							FF	95.000	170.500
JJ:563	TF - 1351140							FF	96.000	188.500
JJ:564	D - 10							FF	100.000	218.000
JJ:565	TS - 180							FF	102.000	193.000
JJ:566	TF - 150/TF55							FF	102.000	188.500
JJ:567	SM3 / SM 4							FF	105.000	230.000
JJ:568	N 15 Y							FF	110.000	293.000
JJ:629	NP 16							FF	110.000	294.400
JJ:569	NT - 110							FF	110.000	293.000
JJ:570	TS - 190							FF	110.000	192.000
JJ:634	TS -230	ES-571-572						FF	112.000	219.000
JJ:573	3 ES							FF	115.000	257.000
JJ:574	LD LDF							FF	140.000	366.000
JJ:575	N 22 Y							FF	140.000	376.000
JJ:576	G - 2							FF	145.000	373.000
JJ:577	N 28 Y							FF	145.000	358.000
<b>YAZ</b>										
JJ:077	YAZ							FF	92.000	170.000
JJ:070	DT GGE							FF	92.000	133.900
JJ:079	DT 75V							FF	120.000	263.000
<b>ZASTAVA</b>										
JJ:1644	128A/AC/BB.OA		21204802					SF	80.000	158.000
<b>ZETTOR</b>										
JJ:409	3511/2011	BF 200445 20010		454WN02		3950116	3	FF	95.000	210.000
JJ:265A	5911/4711/5511/6711	BF 0445 47010		595 WN 02		67010124	3	FF	100.000	225.500
JJ:254	3595/6911/6045	BF 20044549010		595 WN 04		69010168	3	FF	102.000	225.700
JJ:019	G 453						4	FF	102.000	225.700
JJ:622	25 /5 RP						4	FF	105.000	237.000
JJ:623	TURBO/3 RP						4	FF	105.000	231.000
JJ:446	4562			595 WN 03			4	FF	110.000	233.700